

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	17257	(p\$1i\$1n near diode\$2 pin adj diode\$2 avalanch\$4 adj diode\$2 apd)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:48
L3	23549	(eliminat\$4 avoid\$4 prevent\$4)near4(trap\$5)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:03
L4	25846	(eliminat\$4 avoid\$4 prevent\$4 redduc\$4 decreas\$4)near4(trap\$5)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:04
L5	34630	(eliminat\$4 avoid\$4 prevent\$4 reduc\$4 decreas\$4)near4(trap\$5)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:49
L6	8790	(absorption near3 wavelength)near5(long\$4 short\$4 small\$4 increas\$4 decreas\$4)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:49
L7	32801	(inp indium near phosphide\$2 ingaas ingaasp near5 stoichiom\$5 "in.sub."\$4 near5 "ga.sub."\$4 near5 "as.sub."\$4 near5 "p.sub."\$2)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:49
L8	63664	(buffer\$4 absorp\$5 guid\$4) adj2 (layer\$2 region\$2)	US-PGPUB; USPAT	OR	ON	2007/12/03 18:49
L9	1333	2 and 8	US-PGPUB; USPAT	OR	ON	2007/12/03 19:08
L10	703	7 and 9	US-PGPUB; USPAT	OR	ON	2007/12/03 19:25
L11	25	5 and 10	US-PGPUB; USPAT	OR	ON	2007/12/03 18:32
L12	7	("20040013994" "20040245592" "4740819" "4876209" "6326649" "6730979" "6838741").PN.	US-PGPUB; USPAT	OR	ON	2007/12/03 18:26
L13	3	"2003065418"	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/03 18:27
L14	1	"20050156192" and 8	US-PGPUB; USPAT; DERWENT	OR	ON	2007/12/03 18:27
L15	72	6 and 10	US-PGPUB; USPAT	OR	ON	2007/12/03 18:32
L16	505	3 and 8	US-PGPUB; USPAT	OR	ON	2007/12/03 18:46
L17	5704	(p\$1i\$1n near diode\$2 pin adj diode\$2 avalanch\$4 adj diode\$2 apd)	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:48
L18	9138	(eliminat\$4 avoid\$4 prevent\$4 reduc\$4 decreas\$4)near4(trap\$5)	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:49

## EAST Search History

L19	1868	(absorption near3 wavelength)near5(long\$4 short\$4 small\$4 increas\$4 decreas\$4)	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:49
L20	13550	(inp indium near phosphide\$2 ingaas ingaasp near5 stoichiom\$5 "in.sub."\$4 near5 "ga.sub."\$4 near5 "as.sub."\$4 near5 "p.sub."\$2)	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:54
L21	40772	(buffer\$4 absorp\$5 guid\$4) adj2 (layer\$2 region\$2)	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:54
L22	8	17 and 19	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:08
L23	163	17 and 21	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:55
L24	65	20 and 23	EPO; JPO; DERWENT	OR	ON	2007/12/03 18:54
L25	1026	((buffer\$4) and (absorp\$5 guid\$4)) adj2 (layer\$2 region\$2)	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:06
L26	25	17 and 25	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:01
L27	4	"2007000296"	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:02
L28	4	"2007000996"	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:02
L29	2	"08181349"	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:02
L30	873	((buffer\$4) adj2 (layer\$2 region\$2))with ((low\$4 decreas\$4 reduc\$4 small\$4)near2 (dop\$4 impurit\$5 concentr\$5))	US-PGPUB; USPAT	OR	ON	2007/12/03 19:25
L31	68	2 and 30	US-PGPUB; USPAT	OR	ON	2007/12/03 19:08
L32	0	31 and 19	EPO; JPO; DERWENT	OR	ON	2007/12/03 19:09
L33	4	31 and 6	US-PGPUB; USPAT	OR	ON	2007/12/03 19:09
L34	29	7 and 31	US-PGPUB; USPAT	OR	ON	2007/12/03 19:18
L35	5378	257/53 257/101-103 257/431-432. ccls.	US-PGPUB; USPAT	OR	ON	2007/12/03 19:22
L36	3691	(@ad<="20030922") and 35	US-PGPUB; USPAT	OR	ON	2007/12/03 19:17
L37	213	257/E31.063 257/E31.116.ccls.	US-PGPUB; USPAT	OR	ON	2007/12/03 19:14
L38	810	257/E31.063 257/E31.116 257/E31.128.ccls.	US-PGPUB; USPAT	OR	ON	2007/12/03 19:16

## EAST Search History

L39	1147	257/E31.063 257/E31.116 257/E31.128 257/E31.061 257/E31.114.ccls.	US-PGPUB; USPAT	OR	ON	2007/12/03 19:23
L40	867	(@ad<="20030922") and 39	US-PGPUB; USPAT	OR	ON	2007/12/03 19:22
L41	15	30 and 40	US-PGPUB; USPAT	OR	ON	2007/12/03 19:18
L42	2064	257/53 257/101-103 257/431-432.ccls.	EPO; JPO	OR	ON	2007/12/03 19:22
L43	2064	(@pd<="20030922") and 42	EPO; JPO	OR	ON	2007/12/03 19:23
L44	467	257/E31.063 257/E31.116 257/E31.128 257/E31.061 257/E31.114.ccls.	EPO; JPO	OR	ON	2007/12/03 19:23
L45	183	((buffer\$4) adj2 (layer\$2 region\$2))with ((low\$4 decreas\$4 reduc\$4 small\$4)near2 (dop\$4 impurit\$5 concentr\$5))	EPO; JPO	OR	ON	2007/12/03 19:23
L46	2	44 and 45	EPO; JPO	OR	ON	2007/12/03 19:23
L47	140	((buffer\$4) adj2 (layer\$2 region\$2))with ((low\$4 decreas\$4 reduc\$4 small\$4)near2 (dop\$4 impurit\$5 concentr\$5)).clm.	US-PGPUB; USPAT	OR	ON	2007/12/03 19:25
L48	36	7 and 47	US-PGPUB; USPAT	OR	ON	2007/12/03 19:25